

NORAZIAN BINTI MOHD. HASSAN



- KULLIYAH OF PHARMACY
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KELAYAKAN AKADEMIK

- Ph.D in Phytochemistry
- Master in Phytochemistry
- Bachelor of Science (Hons.) in Botany

TANGGUNGJAWAB MENGAJAR

COSMETICS & COSMECEUTICALS	2016/2017 2017/2018 2018/2019 2019/2020
HALAQAH 1	2007/2008
HALAQAH 2	2007/2008
HERBAL MEDICINE	2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
Herbal Medicine	2007/2008
NATURAL MEDICINAL PRODUCT	2015/2016
NUTRACEUTICAL	2016/2017 2017/2018 2018/2019 2019/2020
Nutriceuticals & Cosmeticeuticals	2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015
PHARMACOGNOSY	2009/2010 2010/2011 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
RESEARCH PROJECT 1	2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
RESEARCH PROJECT 2	2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019
RESEARCH PROJECT-LITERATURE SEARCH	2012/2013 2013/2014 2014/2015 2016/2017 2017/2018 2018/2019 2019/2020

PROJEK PENYELIDIKAN

In Progress

2019 - Present	In Vitro (Tissue Culture) Propagation of Bentong Ginger (<i>Zingiber Officinale</i> Var. Bentong)
2019 - Present	Formulation and characterisation of micronized <i>Oroxylum indicum</i> intended for hepatoprotective effect based on Malay Medical Manuscript
2017 - Present	Investigation the Effect of Scented Flower Enfleurage Using Different Lipophilic Carriers on Yield and Phytochemical Constituents of the Produced Essential Oils
2016 - Present	"Data analyses and manuscripts preparation for natural medicinal products research publication in indexed journals"
2015 - Present	Alfa-amylase inhibitor from <i>Orthosiphonstamineus</i> & Metabolomics Profile of Indonesian and Japanese Rice Brans
Unknown - Present	Formulation and characterisation of micronized <i>Oroxylum indicum</i> intended for hepatoprotective effect based on Malay Medical Manuscript
Completed	
2016 - 2020	"Data analyses and manuscripts preparation for natural medicinal products research publication in indexed journals"
2016 - 2017	Correlation of Chromaticity Antioxidant Properties and Antimicrobe Activities of Carotenoid-containing Extracts from Saffron
2015 - 2019	The Effects of the Antioxidant Active Fractions of <i>Ficus Deltoidea</i> on Fatty Acid Induced-Insulin Resistance Cells Model as a Potential Therapeutic Agent for Types 2 Diabetes Mellitus
2015 - -1	Alfa-amylase inhibitor from <i>Orthosiphonstamineus</i> & Metabolomics Profile of Indonesian and Japanese Rice Brans
2015 - 2018	Charaterization of Alcohol Content and the Impact of Its Physicochemical Properties In Various Types of Halal Vinegar Products
2015 - 2017	Pilot Scale Production of Natural Halal Skin Lightening Cream Containing Extract of Hydroxychavicol from Piper betle Leaves
2014 - 2016	Development of Carotenogenesis Model System using Callus Cultures from <i>Ocimum basilicum</i> and Elicitors as Enviromental Stress Agent to Study Regulatory Mechanisms of Caroteniod Biosynthesis in Plant
2013 - 2017	Tyrosinase Inhibitory and Antioxidant Activities of <i>Entada Spiralis</i> Ridl. (Akar Sintok) for the Development of Skin Whitening Products
2013 - 2015	Development of Integrated Technologies for Extraction, Purification and Mass Production of natural Carotenoid Pigments as Halal Food Colorants Through Cell Culture
2013 - 2016	Development of Halal Cosmetics from Extraction of Hydroxychavicol from the Leaves of P.betle in Natural-derivative Chitosan Topical Cream Formulation
2013 - 2014	The effect of <i>Trigonella foenum-graecum</i> (fenugreek) seeds aqueous extract on fertility of female rats.
2013 - 2016	Anticancer Activity and Mechanism of Actions or Arborinine, and Acridone Alkaloid from Rutaceous Species

- 2013 - 2016** Study on Cancer Prevention Strategy by Punica Granatum Extract: The Role of Polyamines in Regulating Cell Cycle and Cell Death in Human Lung Carcinoma A549 Cells
- 2012 - 2015** The Effects of Elicitors on Lutein and Zeaxanthin Accumulation in In-Vitro Cultures of Ruta Angustifolia (L.) Pers.
- 2011 - 2017** In-Vitro of Antifungal Activity of Acalypha Indica, Linn Against Dermatophytes of Superficial Skin Disease
- 2011 - 2017** In-Vitro of Antifungal Activity of Acalypha Indica, Linn Against Dermatophytes of Superficial Skin Disease
- 2010 - 2012** Microencapsulation of Cassia alata Extract for Topical Application.
- 2010 - 2016** Investigation on Antimicrobiol Active Alkaloids from Callus and Shoot Cultures of Ruta Angustifolia (L.) Pers.
- 2009 - -1** Isolation and Identification of Surface Active Compounds from Syzygium Aromaticum
- 2008 - 2011** Screening and Isolation of Bioactive Constituents from the Stem Bark Extracts of Entada Spirals (Akar Sintok) for the Development of Cosmeceuticals Products
- 2007 - 2011** The Study on the Activity and Cellular Target of Antimicrobial Active Quinoline Alkaloids from Some Selected Rutaceous Species
- 2007 - 2019** Pharmacognostical Study on Piper Betle L. and Ficus Deltoidea Jack
- 2007 - 2010** Study on Antidiabetic Effect and the Possible Mechanism of Action of Pithecellobium Jiringa (Jering)
- 2007 - 2011** Determination of Octanol-Water Partition Coefficients of Anti-microbial Alkaloids from Glycosmis pentaphylla (Retz.) DC

PENERBITAN

Article

- 2020** [Identification of tentative antioxidant constituents from stem and leaves of *Leea indica* species using spectroscopic analysis.](#) GADING Journal of Science and Technology , 3 (1) pp.129-136
- 2020** [GCTOF-MS and HPLC Identification of Phenolic Compounds with Different Fractional Extracts of *Lepironia articulata*.](#) Journal of Pharmacy and Nutrition Sciences , 10 (1) pp.1-6
- 2020** [Qualitative and Quantitative Phenolic Compounds Analysis of *Dicranopteris linearis* Different Fractional Polarities Leaves Extract.](#) Journal of Pharmacy and Nutrition Sciences , 10 (1) pp.7-12
- 2020** [Functional Groups and Individual Phenolic Compounds in Different Fractional Polarities Extracts of *Rhizophora apiculata*.](#) Journal of Pharmacy and Nutrition Sciences , 10 (1) pp.13-18

- 2020 [Biosynthesized silver nanoparticles by aqueous stem extract of *Entada spiralis* and screening of their biomedical activity.](#) *Frontiers in Chemistry* , 8
- 2020 [Extraction, and Characterization of Carotenoids from 11 Allelopathic Plant Species as Potential Halal Food Colorants and Active Pharmaceutical Ingredients.](#) *Journal of Pharmacy and Nutrition Sciences* , 10 (1) pp.19-24
- 2020 [Characterization of carotenoids content and composition of saffron from different localities.](#) *Journal of Pharmacy and Nutrition Sciences* , 10 (1) pp.34-40
- 2020 [GCTOF-MS and HPLC Identification of Phenolic Compounds with Different Fractional Extracts of *Lepironia articulata*.](#) *Journal of Pharmacy and Nutrition Sciences* , 10 (1) pp.1-6
- 2020 [Qualitative and Quantitative Phenolic Compounds Analysis of *Dicranopteris linearis* Different Fractional Polarities Leaves Extract.](#) *Journal of Pharmacy and Nutrition Sciences* , 10 (1) pp.7-12
- 2020 [Functional Groups and Individual Phenolic Compounds in Different Fractional Polarities Extracts of *Rhizophora apiculata*.](#) *Journal of Pharmacy and Nutrition Sciences* , 10 (1) pp.13-18
- 2020 [Extraction, and Characterization of Carotenoids from 11 Allelopathic Plant Species as Potential Halal Food Colorants and Active Pharmaceutical Ingredients.](#) *Journal of Pharmacy and Nutrition Sciences* , 10 (1) pp.19-24
- 2020 [In-situ biofabrication of silver nanoparticles in ceiba pentandra natural fiber using entada spiralis extract with their antibacterial and catalytic dye reduction properties.](#) *Nanomaterials* , 10 (6) pp.1-25
- 2020 [Characterization of carotenoids content and composition of saffron from different localities.](#) *Journal of Pharmacy and Nutrition Sciences* , 10 (1) pp.34-40
- 2020 [Identification of tentative antioxidant constituents from stem and leaves of *Leea indica* species using spectroscopic analysis.](#) *GADING Journal of Science and Technology* , 3 (1) pp.129-136
- 2020 [Biosynthesized silver nanoparticles by aqueous stem extract of *Entada spiralis* and screening of their biomedical activity.](#) *Frontiers in Chemistry* , 8
- 2020 [In-situ biofabrication of silver nanoparticles in ceiba pentandra natural fiber using entada spiralis extract with their antibacterial and catalytic dye reduction properties.](#) *Nanomaterials* , 10 (6) pp.1-25
- 2019 [Carotenoids of Capsicum fruits: pigment profile and health-promoting functional-attributes.](#) *Antioxidants* , 8 (10) pp.1-25
- 2019 [α - Glucosidase inhibitory and antioxidant activities of entada spiralis ridl. \(Sintok\) stem bark extracts.](#) *Pertanika - Journal of Tropical Agricultural Sciences* , 42 (1) pp.139-153
- 2019 [α - Glucosidase inhibitory and antioxidant activities of entada spiralis ridl. \(Sintok\) stem bark extracts.](#) *Pertanika - Journal of Tropical Agricultural Sciences* , 42 (1) pp.139-153
- 2019 [Bioactivity and stability studies of betalain-containing extracts from *beta vulgaris L.*](#) *Journal of Pharmacy and Nutrition Sciences* , 9 (2) pp.81-86

- 2019** [Manipulation of environmental stress towards lutein production in chlorella fusca cell culture.](#) Journal of Pharmacy and Nutrition Sciences , 9 (5) pp.251-257
- 2019** [Chemometrics analysis combined with GC-MS and NMR spectroscopy analysis of fatty acids as a means of discriminating butterfat adulteration.](#) Journal of Pharmacy and Nutrition Sciences , 9 (2) pp.87-94
- 2019** [Hot acid extraction, characterisation and scavenging activity of pectin from hylocereus polyrhizus.](#) Journal of Pharmacy and Nutrition Sciences , 9 (5) pp.276-282
- 2019** [Bioactivity and stability studies of betalain-containing extracts from beta vulgaris L..](#) Journal of Pharmacy and Nutrition Sciences , 9 (2) pp.81-86
- 2019** [Chemometrics analysis combined with GC-MS and NMR spectroscopy analysis of fatty acids as a means of discriminating butterfat adulteration.](#) Journal of Pharmacy and Nutrition Sciences , 9 (2) pp.87-94
- 2019** [Carotenoids of Capsicum fruits: pigment profile and health-promoting functional-attributes.](#) Antioxidants , 8 (10) pp.1-25
- 2019** [Manipulation of environmental stress towards lutein production in chlorella fusca cell culture.](#) Journal of Pharmacy and Nutrition Sciences , 9 (5) pp.251-257
- 2019** [Hot acid extraction, characterisation and scavenging activity of pectin from hylocereus polyrhizus.](#) Journal of Pharmacy and Nutrition Sciences , 9 (5) pp.276-282
- 2018** [Radical scavenging activity and phytochemical investigation of antioxidative compounds from stem and leaves of Leea indica species.](#) Gading Journal for Science and Technology , 1 (1) pp.52-59
- 2018** [Cytotoxicity and antifungal properties of hydroxychavicol against trichophyton rubrum.](#) International Medical Journal Malaysia , 17 (1) pp.31-36
- 2018** [Antioxidant activities of Dialium indum L. fruit and gas chromatography-mass spectrometry \(GC-MS\) of the active fractions.](#) Antioxidants , 7 (11) pp.1-14
- 2018** [Alkaloids from alphonsea elliptica barks and their biological activities.](#) Journal of Global Pharma Technology , 10 (8) pp.270-275
- 2018** [Saffron \(Crocus sativus L.\): as an antidepressant.](#) Journal of Pharmacy and Bioallied Sciences , 10 (4) pp.1-8
- 2018** [Cytotoxicity and antifungal properties of hydroxychavicol against trichophyton rubrum.](#) International Medical Journal Malaysia , 17 (1) pp.31-36
- 2018** [Antioxidative and cytotoxic activities of crude and isolated compounds of Polyalthia lateriflora \(Bl.\) King.](#) Journal of Pharmaceutical Sciences and Research , 10 (11) pp.2718-2721
- 2018** [Radical scavenging activity and phytochemical investigation of antioxidative compounds from stem and leaves of Leea indica species.](#) Gading Journal for Science and Technology , 1 (1) pp.52-59

- 2018** [Graveoline from *Ruta angustifolia* \(L.\) Pers. and its antimicrobial synergistic potential in erythromycin or vancomycin combinations = Graveolin daripada *Ruta angustifolia* \(L.\) Pers. dan potensi sinergistik antimikrobnya dalam gabungan erithromicin atau vancomicin.](#) Sains Malaysiana , 47 (10) pp.2429-2435
- 2018** [Graveoline from *Ruta angustifolia* \(L.\) Pers. and its antimicrobial synergistic potential in erythromycin or vancomycin combinations = Graveolin daripada *Ruta angustifolia* \(L.\) Pers. dan potensi sinergistik antimikrobnya dalam gabungan erithromicin atau vancomicin.](#) Sains Malaysiana , 47 (10) pp.2429-2435
- 2018** [Antioxidant activities of *Dialium indum* L. fruit and gas chromatography-mass spectrometry \(GC-MS\) of the active fractions.](#) Antioxidants , 7 (11) pp.1-14
- 2018** [Alkaloids from *Alphonsea elliptica* barks and their biological activities.](#) Journal of Global Pharma Technology , 10 (8) pp.270-275
- 2018** [Saffron \(*Crocus sativus* L.\): as an antidepressant.](#) Journal of Pharmacy and Bioallied Sciences , 10 (4) pp.1-8
- 2018** [Antioxidative and cytotoxic activities of crude and isolated compounds of *Polyalthia lateriflora* \(Bl.\) King.](#) Journal of Pharmaceutical Sciences and Research , 10 (11) pp.2718-2721
- 2017** [Ultra-Morphological Changes of *Trichophyton Rubrum* Treated with Hydroxychavicol.](#) International Medical Journal Malaysia , 16 (2) pp.65-71
- 2017** [Synergistic effects of *Persicaria odorata* \(Daun Kesom\) leaf extracts with standard antibiotics on pathogenic bacteria.](#) The International Medical Journal Malaysia , 16 (2) pp.27-32
- 2017** [Synergistic effects of *Persicaria odorata* \(Daun Kesom\) leaf extracts with standard antibiotics on pathogenic bacteria.](#) The International Medical Journal Malaysia , 16 (2) pp.27-32
- 2017** [Characterisation of carotenoid and total retinol equivalent content in Ulam and medicinal species as alternative food intervention to combat vitamin A deficiency.](#) Journal of Pharmacy and Nutrition Sciences , 7 (3) pp.81-87
- 2017** [Isolation and purification of \$\beta\$ -Carotene from *Morinda citrifolia* as HPLC standard and active pharmaceutical ingredient.](#) Journal of Pharmacy and Nutrition Sciences , 7 (3) pp.95-99
- 2017** [Ultra-Morphological Changes of *Trichophyton Rubrum* Treated with Hydroxychavicol.](#) International Medical Journal Malaysia , 16 (2) pp.65-71
- 2017** [Characterisation of carotenoid and total retinol equivalent content in Ulam and medicinal species as alternative food intervention to combat vitamin A deficiency.](#) Journal of Pharmacy and Nutrition Sciences , 7 (3) pp.81-87
- 2017** [Isolation and purification of \$\beta\$ -Carotene from *Morinda citrifolia* as HPLC standard and active pharmaceutical ingredient.](#) Journal of Pharmacy and Nutrition Sciences , 7 (3) pp.95-99
- 2017** [Extraction of protocatechuic acid enriched fraction from *Clinacanthus nutans* leaves.](#) Malaysian Journal of Pharmacy , 3 (1 (Supplement)) pp.23-23
- 2017** [Extraction of protocatechuic acid enriched fraction from *Clinacanthus nutans* leaves.](#) Malaysian Journal of Pharmacy , 3 (1 (Supplement)) pp.23-23

- 2017** [Phytochemical analysis, identification and quantification of antibacterial active compounds in betel leaves, piper betle methanolic extract.](#) Pakistan Journal of Biological Sciences , 20 (2) pp.70-81
- 2017** [Phytochemical analysis, identification and quantification of antibacterial active compounds in betel leaves, piper betle methanolic extract.](#) Pakistan Journal of Biological Sciences , 20 (2) pp.70-81
- 2016** [Comparative study of antioxidant and antimicrobial activity of root, stem and leaves of *Leea indica* species.](#) Malaysian Journal of Science , 35 (2) pp.241-250
- 2016** [Is there any effect of fenugreek seeds aqueous extract \(FSA\) on the quantity of ovarian follicles and estrus cycle of female rats...?.](#) Journal of Medical Practice and Review , 1 (7) pp.55-63
- 2016** [Two isolated crystalline solids from the stem of *Entada spiralis* Ridl.\(akar Sintok\) = Pemencilan dua jenis pepejal kristal dari batang pokok *Entada spiralis* \(Akar Sintok\).](#) Malaysian Journal of Analytical Sciences (MJAS) , 20 (2) pp.238-246
- 2016** [Is there any effect of fenugreek seeds aqueous extract \(FSA\) on the quantity of ovarian follicles and estrus cycle of female rats...?.](#) Journal of Medical Practice and Review , 1 (7) pp.55-63
- 2016** [Determination of ultra-morphological changes of *trichophyton rubrum* treated with hydroxychavicol.](#) The International Medical Journal Malaysia
- 2016** [Quantification of anti-fertility compound-Diosgenin concentration in the fenugreek seeds aqueous extrac \(FSA\).](#) The International Medical Journal Malaysia , 15 (1) pp.75-80
- 2016** [Determination of ultra-morphological changes of *trichophyton rubrum* treated with hydroxychavicol.](#) The International Medical Journal Malaysia
- 2016** [Comparative study of antioxidant and antimicrobial activity of root, stem and leaves of *Leea indica* species.](#) Malaysian Journal of Science , 35 (2) pp.241-250
- 2015** [Potential sources for lipid soluble food colorants from selected Malaysian traditional vegetables.](#) Malaysian Journal of Analytical Sciences (MJAS) , 19 (1) pp.268-274
- 2015** [Constitutive, institutive and up-regulation of carotenogenesis regulatory mechanism via in vitro culture model system and elicitors.](#) Malaysian Journal of Analytical Sciences (MJAS) , 19 (2) pp.437-444
- 2015** [Bioassay guided isolation of an antidermatophytic active constituents from the stembarks of *Entada spiralis* Ridl \(Pengasingan komponen aktif antiderma secara berperingkat dari kulit pokok *Entada spiralis* Ridl.\).](#) Malaysian Journal of Analytical Sciences (MJAS) , 19 (4) pp.752-759
- 2014** [Carotenoid biosynthesis regulatory mechanisms in plants.](#) Journal of Oleo Science , 63 (8) pp.753-760
- 2014** [In-vitro antidermatophytic activity of methanolic fraction from *entada spiralis ridl.* stem bark and its bioautographic profile.](#) Pertanika Journal of Science and Technology , 22 (1) pp.113-121

- 2014 [Quantification of pro-vitamin a activities and content in 22 selected 'ULAM' species or Malaysian traditional vegetables.](#) International Journal of Pharmacy and Pharmaceutical Sciences , 6 (supp 3) pp.9-12
- 2013 [Antibacterial and antifungal properties of persicaria odorata leaf against pathogenic bacteria and fungi.](#) The Open Conference Proceedings Journal , 4 (supp-2) pp.71-74
- 2013 [In vitro study of antimicrobial activity of Acalypha indica Linn. extract.](#) The Open Conference Proceedings Journal , 4 (2) pp.57-60
- 2012 [Identification of carotenoid composition in selected 'ulam' or traditional vegetables in Malaysia.](#) International Food Research Journal , 19 (2) pp.527-530
- 2011 [Bioassay guide isolation of antibacterial compounds from Andrographis paniculata.](#) American Journal of Applied Sciences , 8 (6) pp.525-534
- 2011 [Bioassay guided isolation of antibacterial compounds from Andrographis paniculata.](#) American Journal of Applied Sciences , 8 (6) pp.525-534
- 2011 [In vitro study of antifungal activity of Entada spiralis Ridl. crude extract against dermatophytes of superficial skin disease.](#) Revelation and Science , 01 (01) pp.57-61
- 2010 [Bioactive compounds from stem bark of Entada Spiralis RIDL.](#) Malaysian Journal of Pharmaceutical Sciences , 8 (Sup.1) pp.12

Conference or Workshop Item

- 2019 [Characterisation of allelochemical compounds signature in two mangrove forest species of Rhizophora apiculata and Acrostichum aureum and potential in suppressing weed growth.](#) In: **International Conference on Ecology and Biodiversity Across Time and Space 2018 (ICEBATS 2018)**
- 2019 [Characterisation of allelochemical compounds signature in two mangrove forest species of Rhizophora apiculata and Acrostichum aureum and potential in suppressing weed growth.](#) In: **International Conference on Ecology and Biodiversity Across Time and Space 2018 (ICEBATS 2018)**
- 2018 [Characterisation of allelochemical compounds in Rhizophora apiculata and Acrostichum aureum of mangrove forest species.](#) In: **International Conference on Ecology and Biodiversity Across Time and Space 2018 (ICEBATS 2018)**
- 2018 [Characterisation of allelochemical compounds in Rhizophora apiculata and Acrostichum aureum of mangrove forest species.](#) In: **International Conference on Ecology and Biodiversity Across Time and Space 2018 (ICEBATS 2018)**
- 2017 [Evaluation of antioxidant activities of various extracts from Dialium indium var. indium L. fruits.](#) In: **International Conference on Natural Products (ICNP 2017)**
- 2017 [Graveoline, an antimicrobial activ alkaloid from Ruta angustifolia \(L.\) Pers. and its in vitro antimicrobial combination effects with either erythromycin or vancomycin.](#) In: **International Conference on Natural Products (ICNP 2017)**
- 2017 [Photo activated bacterial DNA-binding active Rutaceous alkaloids from Glycosmis pentaphylla \(Retz.\) DC. and Ruta angustifolia \(L.\) Pers..](#) In: **International Malaysian-French Scientific Conference (IMFSC 2017)**

- 2017 [Evaluation of antioxidant activities of various extracts from *Dialium indium* var. *indium* L. fruits.](#) In: **International Conference on Natural Products (ICNP 2017)**
- 2017 [Graveoline, an antimicrobial active alkaloid from *Ruta angustifolia* \(L.\) Pers. and its in vitro antimicrobial combination effects with either erythromycin or vancomycin.](#) In: **International Conference on Natural Products (ICNP 2017)**
- 2017 [In vitro antioxidant activities and gas-chromatography-mass spectrometry \(GC-MS\) analysis of antioxidant active fractions of *Dialium indium* var. *indium* L. fruit.](#) In: **International Malaysian-French Scientific Conference (IMFSC 2017): Inspired by nature, delivered through science for a better world**
- 2017 [Photo activated bacterial DNA-binding active Rutaceous alkaloids from *Glycosmis pentaphylla* \(Retz.\) DC. and *Ruta angustifolia* \(L.\) Pers..](#) In: **International Malaysian-French Scientific Conference (IMFSC 2017)**
- 2017 [In vitro antioxidant activities and gas-chromatography-mass spectrometry \(GC-MS\) analysis of antioxidant active fractions of *Dialium indium* var. *indium* L. fruit.](#) In: **International Malaysian-French Scientific Conference (IMFSC 2017): Inspired by nature, delivered through science for a better world**
- 2016 [Phenolics and flavonoids content determination and in-vitro antioxidant evaluation for radical scavenging activity of extracts from *Dialium indium* var. *indium* L. fruits.](#) In: **Research Symposium 2016: Learn, Discover, Innovate**
- 2016 [Determination and evaluation of antioxidant constituents of *Entada spiralis* Ridl. leaves.](#) In: **14th Seminar on Medicinal & Aromatic Plants**
- 2016 [Phytochemical profile and free radical scavenging activity of *Entada spiralis* stem bark.](#) In: **2nd International Conference on Industrial Pharmacy (ICIP 2016): Generics and Biosimilars**
- 2016 [In vitro evaluations of anti-hyperglycemic and antioxidant activities of *Entada spiralis* Ridl. stem bark extracts.](#) In: **3rd Pan-Asian Biomedical Science Conference 2016 Kuala Lumpur**
- 2016 [Arborinine from *Glycosmis Pentaphylla* \(retz.\) DC induces apoptosis through activation of Caspase-3/7 in human mammary gland Adenocarcinoma \(MCF-7\) cell line.](#) In: **2nd ICIP (International Conference on Industrial Pharmacy) 2016**
- 2016 [A preliminary study on antioxidant activity of *entada spiralis* Ridl. leaves.](#) In: **4th International Conference on Pharmaceuticals, Nutraceuticals and Cosmetic Science (IPNaCs)**
- 2016 [Radical scavenging activity and phytochemical investigation of antioxidative compounds from stem and leaves of *Leea indica* species.](#) In: **Regional Conference On Science, Technology & Social Sciences 2016 (RCSTSS)**
- 2016 [Antioxidant activity study and tyrosinase inhibitory study of *Entada spiralis* Ridl..](#) In: **2nd International Conference On Industrial Pharmacy 2016 (ICIP 2016)**
- 2016 [Antioxidant activity study and tyrosinase inhibitory study of *Entada spiralis* Ridl..](#) In: **2nd International Conference On Industrial Pharmacy 2016 (ICIP 2016)**

- 2016 [Arborinine from Glycosmis Pentaphylla \(retz.\) DC induces apoptosis through activation of Caspase-3/7 in human mammary gland Adenocarcinoma \(MCF-7\) cell line.](#) In: **2nd ICIP (International Conference on Industrial Pharmacy) 2016**
- 2016 [Antioxidant activity study and tyrosinase inhibitory screening of Entada spiralis Ridl. leaves.](#) In: **International Conference On Natural Products (ICNP 2016)**
- 2016 [Phytochemical profile and free radical scavenging activity of Entada spiralis stem bark.](#) In: **2nd International Conference on Industrial Pharmacy (ICIP 2016):Generics and Biosimilars**
- 2016 [Radical scavenging activity and phytochemical investigation of antioxidative compounds from stem and leaves of Leea indica species.](#) In: **Regional Conference On Science, Technology & Social Sciences 2016 (RCSTSS)**
- 2015 [Isolation, characterization and cytotoxic activity of arborinine from glycosmis pentaphylla \(Retz.\) DC. on human mammary gland adenocarcinoma \(MCF7\) cell line.](#) In: **5th International Conference on Advancement in Science and Technology (iCAST 2015)**
- 2015 [Is there any effect \(s\) of fenugreek seeds aqueous extract on the regularity of estrous cycle and quantity of ovarian follicles of female rats...?.](#) In: **Medical Research Symposium 2015**
- 2015 [Effects of methyl jasmonate elicitation on growth and lutein content in microshoot cultures of Ruta angustifolia \(L.\) Pers.](#) In: **International Conference on Natural Products 2015**
- 2015 [Is there any effect \(s\) of fenugreek seeds aqueous extract on the regularity of estrous cycle and quantity of ovarian follicles of female rats...?.](#) In: **Medical Research Symposium 2015**
- 2015 [Skin sensitization study of crude methanol extract of Acalypha indica Linn. leaves onto guinea pigs.](#) In: **International Conference on Natural Products 2015 (ICNP 2015)**
- 2015 [A high-throughput model system for investigating carotenoid biogenesis in plant via callus culture.](#) In: **Asian Congress on Biotechnology 2015 (ACB 2015)**
- 2014 [Natural accumulation of xanthophyll carotenoids in several Malaysian traditional vegetables \(ulam\) and medicinal plants.](#) In: **1st International Conference on Food Properties (iCFP 2014)**
- 2014 [Carotenoid biosynthesis in the leaves, shoot cultures and callus cultures of ruta angustifolia.](#) In: **1st International Conference on Food Properties (iCFP 2014)**
- 2014 [Effects of trigonella foenum-graecum L.\(Fenugreek\) seeds aqueous extract on reproductive system of female rats.](#) In: **Pharmacology & Physiology International Scientific Congress (2014)**
- 2014 [Bioassay guided isolation of an antidermatophytic active constituents from the stembarks of entada spiralis ridl.](#) In: **Regional Conference On Science, Technology & Social Sciences**

- 2014 [Constitutive, institutive and up-regulation of carotenogenesis regulatory mechanism via in vitro culture model system and elicitors.](#) In: **The 5th International Conference on Natural Products for Health and Beauty (NATPRO 5)**
- 2014 [Potential sources of lipid soluble food colorants from selected Malaysian traditional vegetables..](#) In: **MALAYSIA INTERNATIONAL CONFERENCE ON OILS AND FATS**
- 2014 [Constitutive, institutive and up-regulation of carotenogenesis regulatory mechanism via in vitro culture model system and elicitors.](#) In: **Malaysia International Conference on Oils and Fats 2014 (SMILE 2014)**
- 2014 [Potential halal food colorants and active pharmaceutical ingredients in 24 Malaysian traditional vegetables \(ulam\).](#) In: **The 5th International Conference on Natural Products for Health and Beauty (NATPRO 5)**
- 2013 [Carotenoids: diversification in Malaysian traditional vegetables \(ulam\) and medicinal species.](#) In: **Global Biotechnology Congress 2013**
- 2013 [Callus cultures: an alternative research tool to study regulatory mechanisms od carotenoid biosynthesis.](#) In: **Global Biotechnology Congress 2013**
- 2013 [An antifungal body soap from stem bark of Entada spiralis Ridl.\(Akar Sintok\) as a new cosmeticeutical product.](#) In: **International Invention, Innovation And Research Design Platform 2013 (I-P 2013)**
- 2013 [Isolation and purification of alpha carotene from natural resources as HPLC standard.](#) In: **3rd International Conference on Biotechnology (ICBioE'13)**
- 2013 [Carotenoid biosynthesis in intact plant and callus cultures of selasih \(ocimum basilicum\).](#) In: **3rd International Conference on Biotechnology Engineering 2013 (ICBioE 2013)**
- 2013 [Antimicrobial activity of Acalypha indica Linn. extract.](#) In: **International Conference on Natural Products 2013**
- 2012 [Bioactive terpenoids from the stem bark of Entada spiralis Ridl.\(Sintok\).](#) In: **International Conference on Science, Technology & Social Science (ICSTSS2012)**
- 2012 [Identification of carotenoid composition in selected 'ulam' or traditional vegetables in Malaysia .](#) In: **2nd International Conference on Biotechnology Engineering (ICBioE 2011)**
- 2012 [Carotenoid diversity in 22 species of Malay traditional ulam.](#) In: **PharmaTech 2012 : International Conference and Exhibition on Pharmaceutical, Nutraceutical and Cosmeceutical Technology**
- 2012 [Antimicrobial activity of extracts and alkaloids from callus and shoot cultures of Ruta angustifolia \(L.\) Pers.](#) In: **International Seminar on Natural Product Medicines 2012: Current Issues on Future Researchers and Applications of Natural Product Medicines**
- 2012 [Cosmeticeutical products from antimicrobial active extracts of the stem barks of Entada spiralis Ridl.\(Akar Sintok\).](#) In: **International Islamic University Malaysia Research, Invention and Innovation 2012**

- 2011 [Palm olein emulsion formation using crude extract of *syzygium aromaticum* as emulsifier.](#) In: **IUM Research, Invention and Innovation Exhibition (IRIIE) 2011**
- 2011 [Microencapsulation of *Cassia alata* extract for topical application.](#) In: **International Congress on Applied Biology (ICAB 2011)**
- 2011 [Development of Palm olein-in-water emulsion containing extracts of *Derris elliptica* Benth as insecticide .](#) In: **International Health Conference IUM 2011**
- 2011 [Natural quinolone antimicrobial agents from Malaysian Rutaceous species.](#) In: **IUM Research, Invention and Innovation Exhibition IRIIE 2011**
- 2011 [Structural elucidation of a major active compounds from the stem barks of *Entada spiralis* Ridl.](#) In: **International Conference on Natural Products ICNP 2011**
- 2011 [Emulsifying ability and surface activity of compounds present in A 1:1 ethanol/water extract of *syzygium aromaticum*.](#) In: **International Health Conference IUM 2011**
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